

Comparisons of Job Characteristics

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)

Associated Occupation: Mine Shuttle Car Operators (53-7111)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)

Associated Occupation: Mine Shuttle Car Operators (53-7111)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Mechanical | 6.8 | 9.5 | 13.0 | >> Current knowledge level is likely more than sufficient |
| Transportation | 4.6 | 6.4 | 7.2 | > Current knowledge level is likely sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)

Associated Occupation: Mine Shuttle Car Operators (53-7111)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Operation and Control | 5.4 | 12.5 | 9.8 | < A higher skill level may be required |
| Operation Monitoring | 6.6 | 9.1 | 9.6 | 0 Current skill level may be sufficient |
| Equipment Maintenance | 3.5 | 8.4 | 7.9 | 0 Current skill level may be sufficient |
| Repairing | 3.4 | 7.5 | 8.3 | > Skill level is likely sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)

Associated Occupation: Mine Shuttle Car Operators (53-7111)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|---|
| Control Precision | 6.6 | 14.4 | 12.2 | < | Some improvement in abilities may be required |
| Reaction Time | 4.8 | 11.5 | 10.3 | < | Some improvement in abilities may be required |
| Multilimb Coordination | 6.0 | 11.1 | 10.6 | 0 | Current ability level may be sufficient |
| Manual Dexterity | 6.5 | 10.2 | 10.5 | 0 | Current ability level may be sufficient |
| Depth Perception | 5.3 | 9.8 | 10.5 | 0 | Current ability level may be sufficient |
| Rate Control | 3.8 | 9.5 | 9.1 | 0 | Current ability level may be sufficient |
| Response Orientation | 4.0 | 8.5 | 7.7 | < | Some improvement in abilities may be required |
| Spatial Orientation | 2.7 | 5.9 | 5.9 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 100

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Mine Shuttle Car Operators (53-7111)

| Work Activities | Exclusivity of Activity |
|--|-------------------------|
| Inspect material moving equipment | 80 |
| Operate material moving, loading, or unloading equipment | 75 |
| Operate mining equipment or machinery | 89 |
| Use measuring devices in construction or extraction work | 41 |
| Use two-way radio or mobile phone | 42 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Loading Machine Operators, Underground Mining (53-7033)
Associated Occupation: Mine Shuttle Car Operators (53-7111)

| Tools and Technologies | Exclusivity |
|---|-------------|
| Tools and technology data is unavailable for one or both occupations. | |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.